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			First Named Inventor	Bruce Gilbert	Cornel PLAN	COs.	
			Group Art Unit	2661	(6)	COPY OF PAPERS ORIGINALLY FILED	
			Examiner Name		MAR 2 2 2002 6	FILED	
Total Number of Pages in this Submission 10		Attorney Docket Number	2001-0110	The second second			
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			Enclosures (chec	ck all that apply)	7)		
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Application Number

10/047969

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Technology Center 2600

Applicant(s):

Bruce Gilbert Cortez ex

Attorney Docket

No.:

2001-0110

Application No.:

10/047,969

Filing Date:

January 16, 2002

Examiner Name:

Group Art Unit:

2661

Title:

Method And Apparatus For Providing Alternative Link Weights

For Failed Network Paths

COMMISSIONER FOR PATENTS PATENT AND TRADEMARK OFFICE WASHINGTON, D.C. 20231

SIR:

ATTENTION: Official Draftsperson

Enclosed are the formal drawings (8 sheets) for the above-identified application. Please substitute these formal drawings for the informal drawings filed with the application.

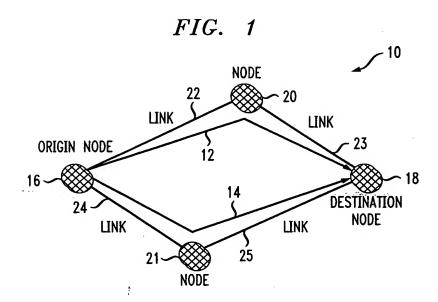
Respectfully,

Robert B. Levy, Senior Attorney

Reg. No. 28234

P.O. Box 4110

Middletown, New Jersey 07748



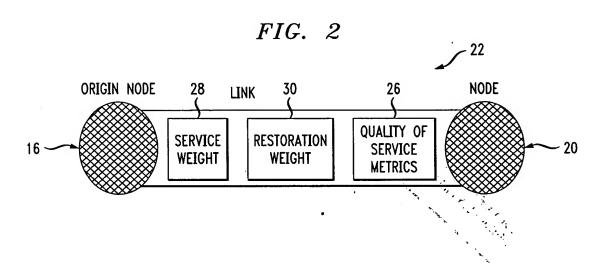


FIG. 3A

VALUES OF SERVICE AND RESTORATION WEIGHTS ASSIGNED TO EACH LINK IN NETWORK IN THE TWO END-POINT SWITCHES OF THE LINK

NETWORK ROUTING PROTOCOL RUNNING IN EVERY SWITCH (CONTINUOUSLY, ON PERIODIC BASIS) DISTRIBUTES LINK PARAMETERS TO ALL SWITCHES IN NETWORK

FIG. 3B

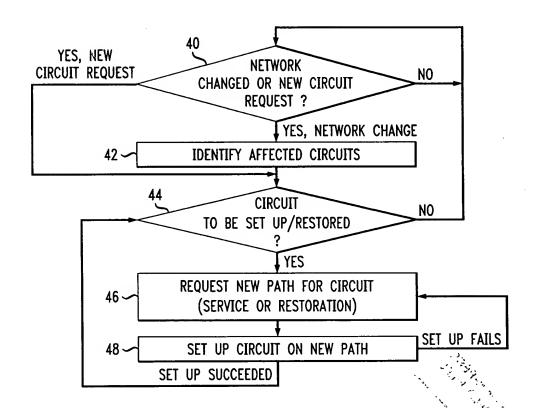
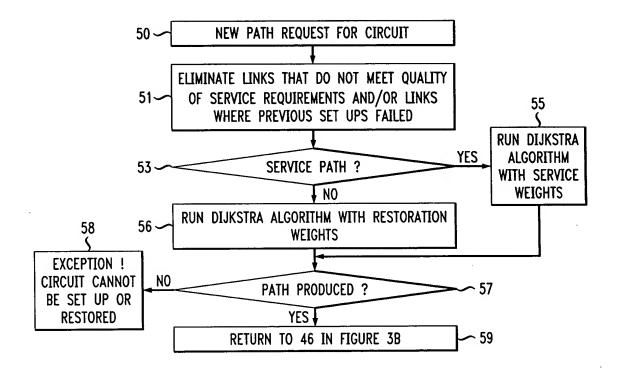
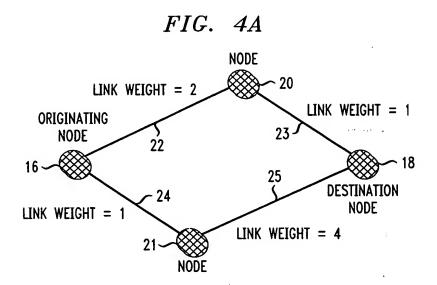


FIG. 3C





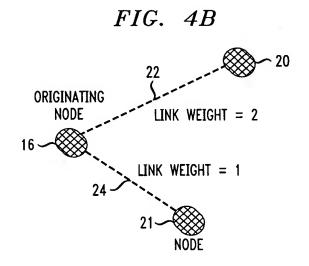


FIG. 4C

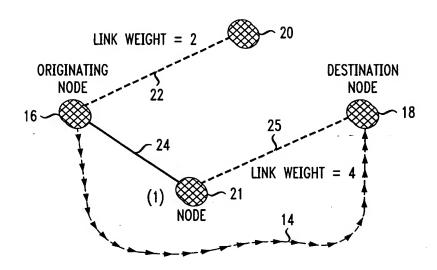


FIG. 4D

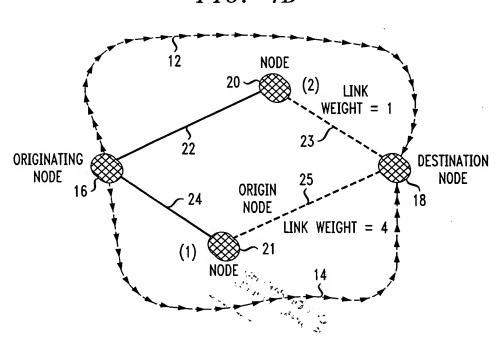
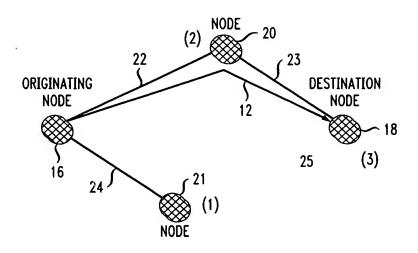


FIG. 4E



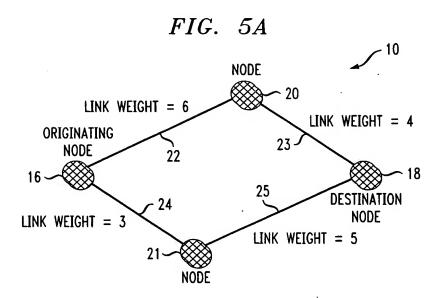


FIG. 5BORIGINATING NODE

LINK WEIGHT = 6LINK WEIGHT = 3

NODE

FIG. 5C

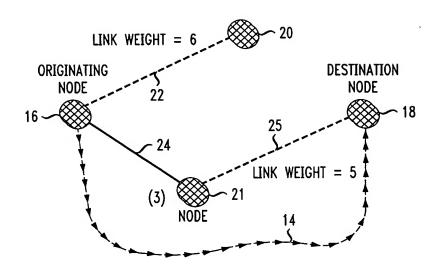


FIG. 5D

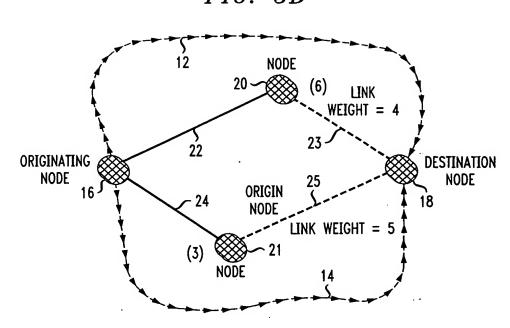


FIG. 5E

